

Factoring Worksheet

Math for Standards

SHOW ALL STEPS!!!

Name _____

Date _____

Use the factoring process covered in class to factor each quadratic, if possible. If it is not factorable, use the quadratic formula to solve. There are two links on the wiki for Lesson 25 that also review the concept of factoring quadratics. You may use a separate piece of paper instead of this one, if you like. Check your solutions. (4 points each)

1. $x^2 + 6x + 8$

2. $x^2 - 7x + 10$

3. $x^2 + 4x - 5$

4. $x^2 + 8x + 15$

5. $x^2 + 8x + 12$

6. $x^2 + x - 12$

7. $x^2 + 7x + 6$

8. $x^2 - 3x - 10$

9. $5x^2 + 18x + 9$

10. $4x^2 + 15x + 9$

11. $9x^2 + 15x + 4$

12. $2x^2 + 5x + 2$

13. $3x^2 + 19x + 20$

14. $5x^2 + 12x - 3$